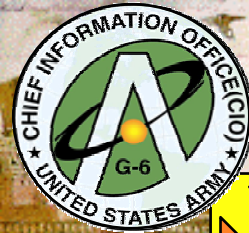


# NETCOM & 9TH ASC



The Voice of the Army

COL Melita McCully

Deputy Commander Support





# Agenda

- **Our history**
- **Army Transformation Context**  
**Realignment**
- **Information Management Organizational**  
**Operations**
- **Mission Focus / Force Disposition**
- **NETOPS/CND**
- **Summary**



# NETCOM/9<sup>th</sup> ASC Organization

ARMY CIO/G6

## NETCOM/9<sup>TH</sup> ASC

C2 ———  
Oversight (incl rating) - - - -  
NETOPS Reporting - - - -  
Located in DC   
TECHCON X X X X X X

DCS

DCG

Sr Tech Dir

Coordinating  
G-Staff (Rear)

NCR

Personal Staff  
& Special Staff

USARC X X X X X

★★

335th

311th

X

X

5<sup>th</sup> Sig Cmd1108<sup>th</sup> Sig Bde160<sup>th</sup> Sig Bde11<sup>th</sup> Sig Bde93<sup>rd</sup> Sig Bde1<sup>st</sup> Sig Bde516<sup>th</sup> Sig Bde

ANOSC

C-TNOSC

COP and  
Enterprise  
Support

NETCOM

NE

NW

SE

SW

SES

Enterprise Systems  
Technology Activity

CTO

Operational  
Engineers

IA

Spectrum Mgmt

Governance &  
NETOPS

Service Mgmt

Knowledge  
MgmtInfostructure  
Plans

ATD

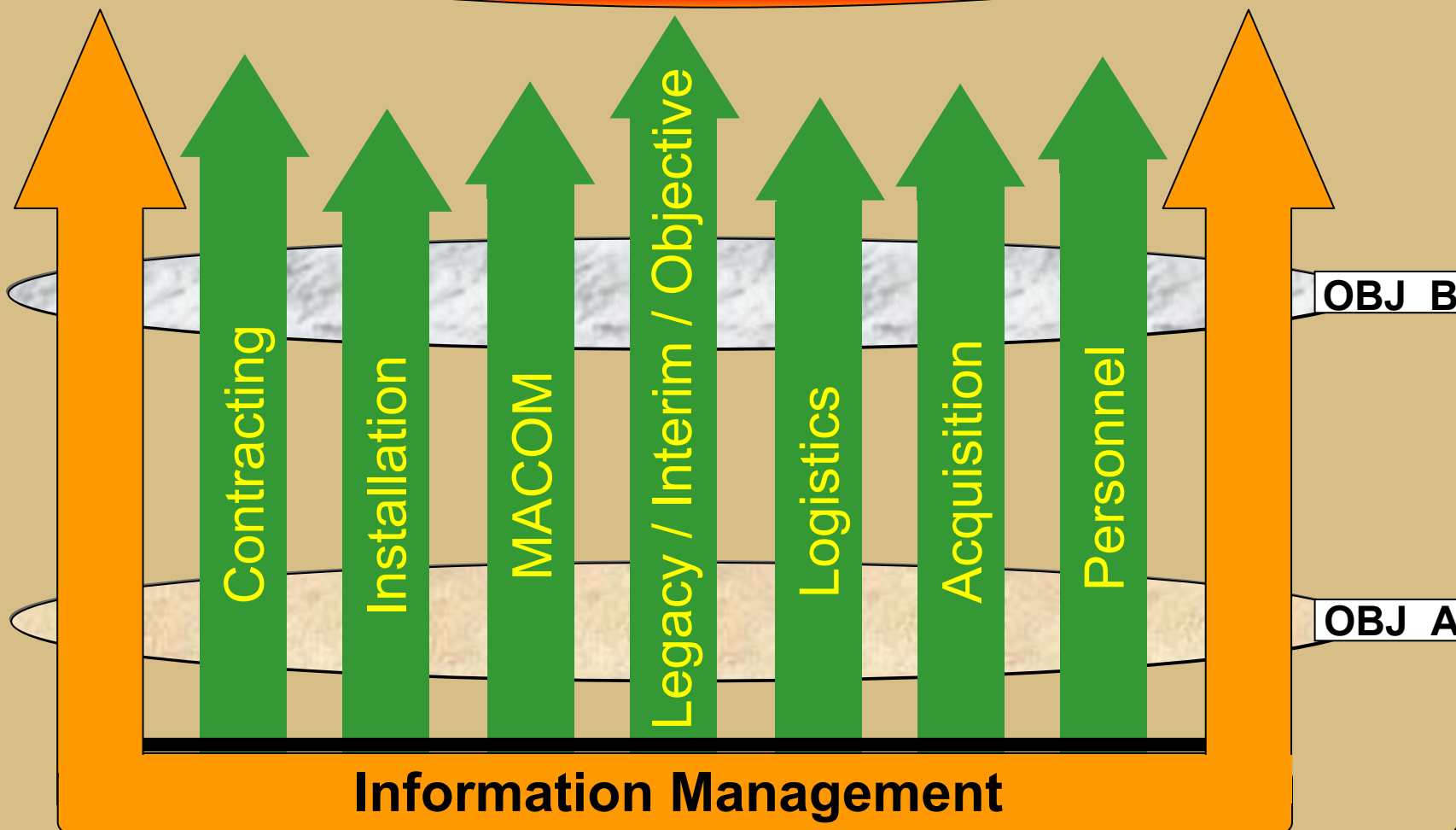
MEDCOM  
RCIOCFSC  
RCIOCOE  
RCIOARNG  
RCIOUSAR  
RCIOTECHCON only to NETCOM/9<sup>TH</sup> ASC

- Total Coordination with FORSCOM
- C4I Training/Planning/Coordination
- Technical Advisor



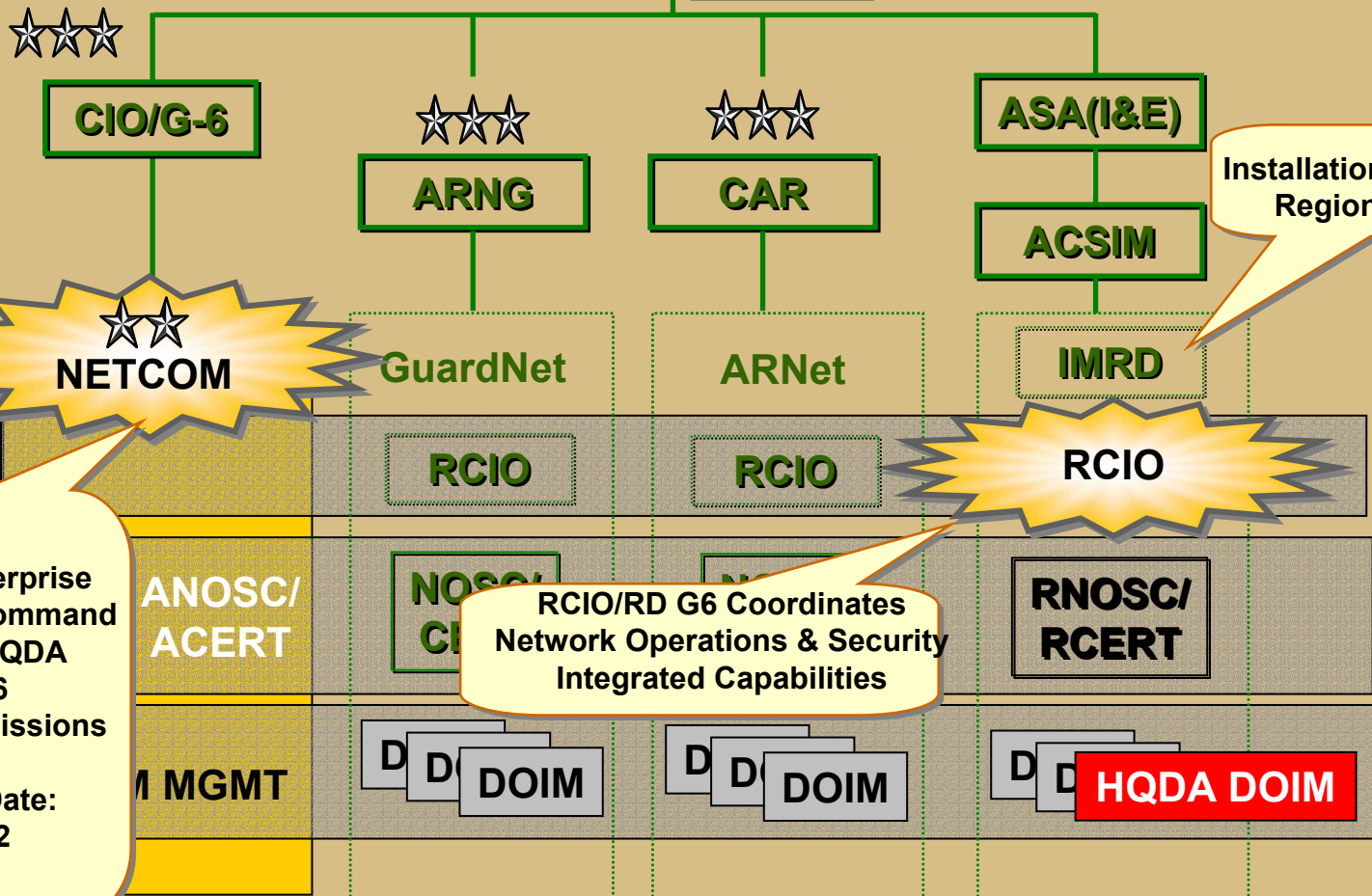
# Army Transformation Context

Final Objective –  
**Transformed Army**





# Information Management Realignment



Installation Management  
Regional Director

NETCOM

GuardNet

ARNet

IMRD

RCIO

RCIO

RCIO

ANOSC/  
ACERT

NOSC/  
CI

RCIO/RD G6 Coordinates  
Network Operations & Security  
Integrated Capabilities

RNOSC/  
RCERT

MGMT

DOIM

DOIM

HQDA DOIM

Network Enterprise  
Technology Command  
assumed HQDA  
CIO/G-6  
Operational Missions

Effective Date:  
1 Oct 02



# Mission Focus

**NETCOM is the single authority to operate, manage, and defend the Army's enterprise level infostructure. NETCOM will deliver seamless enterprise level C4/IM common user services and signal warfighting forces in support of the Army and its Army Service Component Commanders and the Combatant Commanders. NETCOM engineers, operates, sustains, and defends the Army's portion of the Global Information Grid, enabling force projection and the delivery of decisive combat power.**



Direct Communications Link (DCL) (US-Russia)  
Government to Government Comm Link  
(US-Ukraine-Kazakhstan)



GO #5; 13 Aug 02







# Continuing Core ASC Missions...Plus

## USASC

- Tactical and Strategic Signal Forces
- Army Knowledge Management
- Combat Camera
- Army Portion of DISN
- Defense Red Switch
- Defense Satellite Comm System
- Defense Information Infrastructure
- Defense Message System
- Defense Switched Network
- Enterprise Systems Integration
- Operational Engineers
- Telecommunications
- Army Network Operations (Limited)
- DOIM Operations (OCONUS)

## NETCOM/9<sup>th</sup> Army Signal Cmd

- Tactical and Strategic Signal Forces
- Army Knowledge Management
- Combat Camera
- Army Portion of DISN
- Defense Red Switch
- Defense Satellite Comm System
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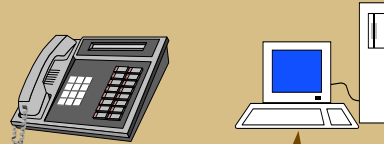
### The Enterprise

- Information Assurance / PKI / CAC
- Infostructure Planning
- Governance and NETOPS
- Worldwide Service Management
- Knowledge Services
- Advanced Technologies (CTO and AKO)
- Army Network Operations (Worldwide)
- Spectrum Management
- TECHCON DOIM Operations (CONUS)
- Regional Support



# Executive Agency and Special Missions

Defense Switched Network

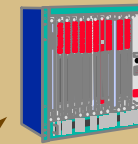


Defense Message Systems (DMS)  
Automatic Digital Network  
(AUTODIN)

Defense Satellite and  
MILSTAR Communications  
Systems



Defense Information  
Infrastructure  
(NIPRNET/SIPRNET)



Military Affiliate Radio  
System (MARS)

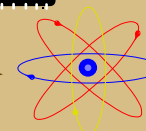
Defense Red Switch Network



Single Army Enterprise  
Authority for Operations &  
Management of Infostructure



Nuclear C2 Systems

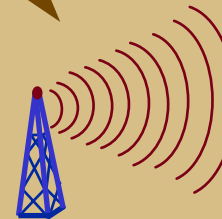


- Memo dated 18 Sep 01

DSCS Restoral  
(TSC-86A)



Defense Information Infrastructure  
(Microwave/ Tropo/Fiber Optic  
Cable)

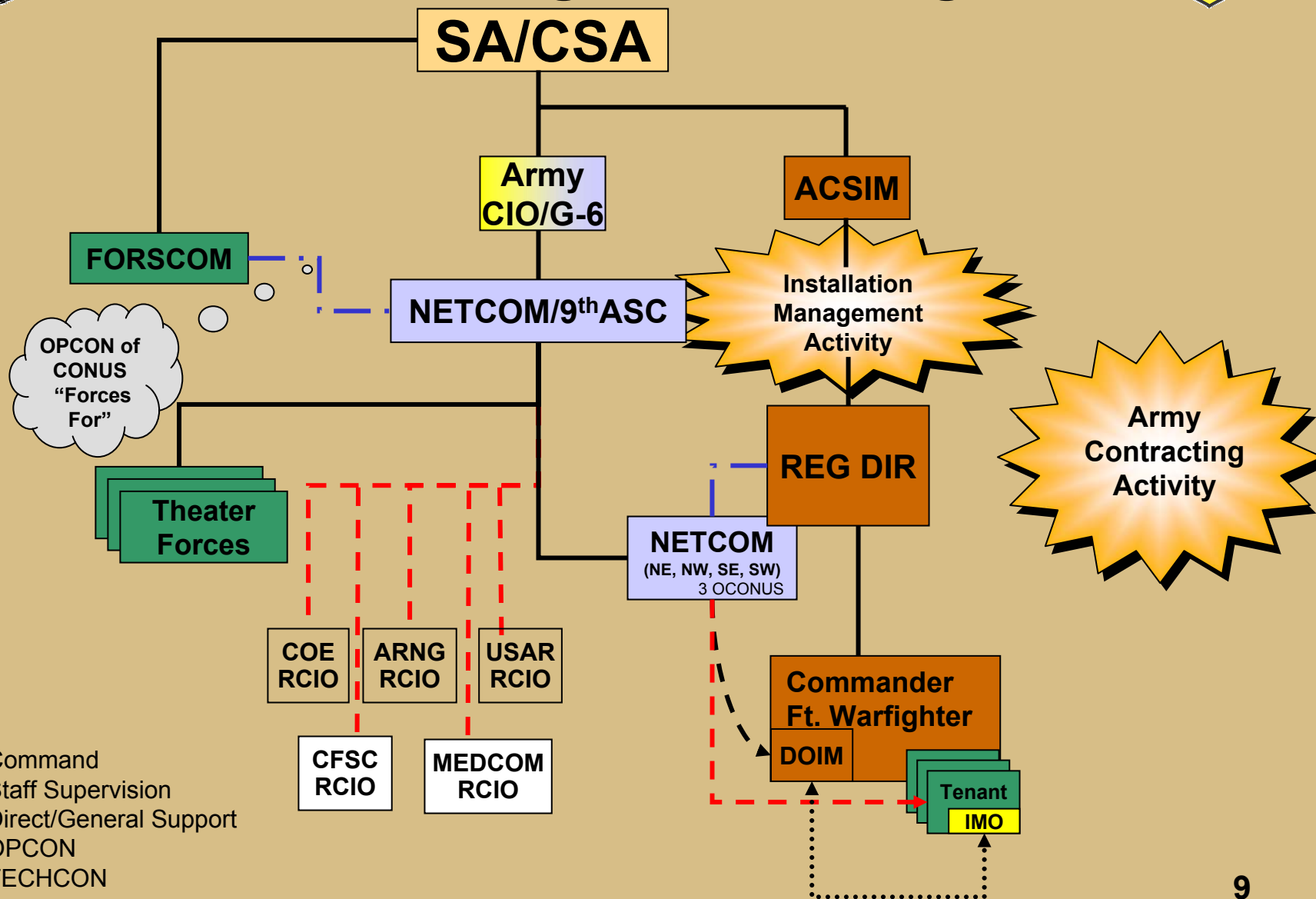


Direct Communications Link (DCL) (US-  
Russia) Government to Government  
Commo Link (US-Ukraine-Kazakhstan)





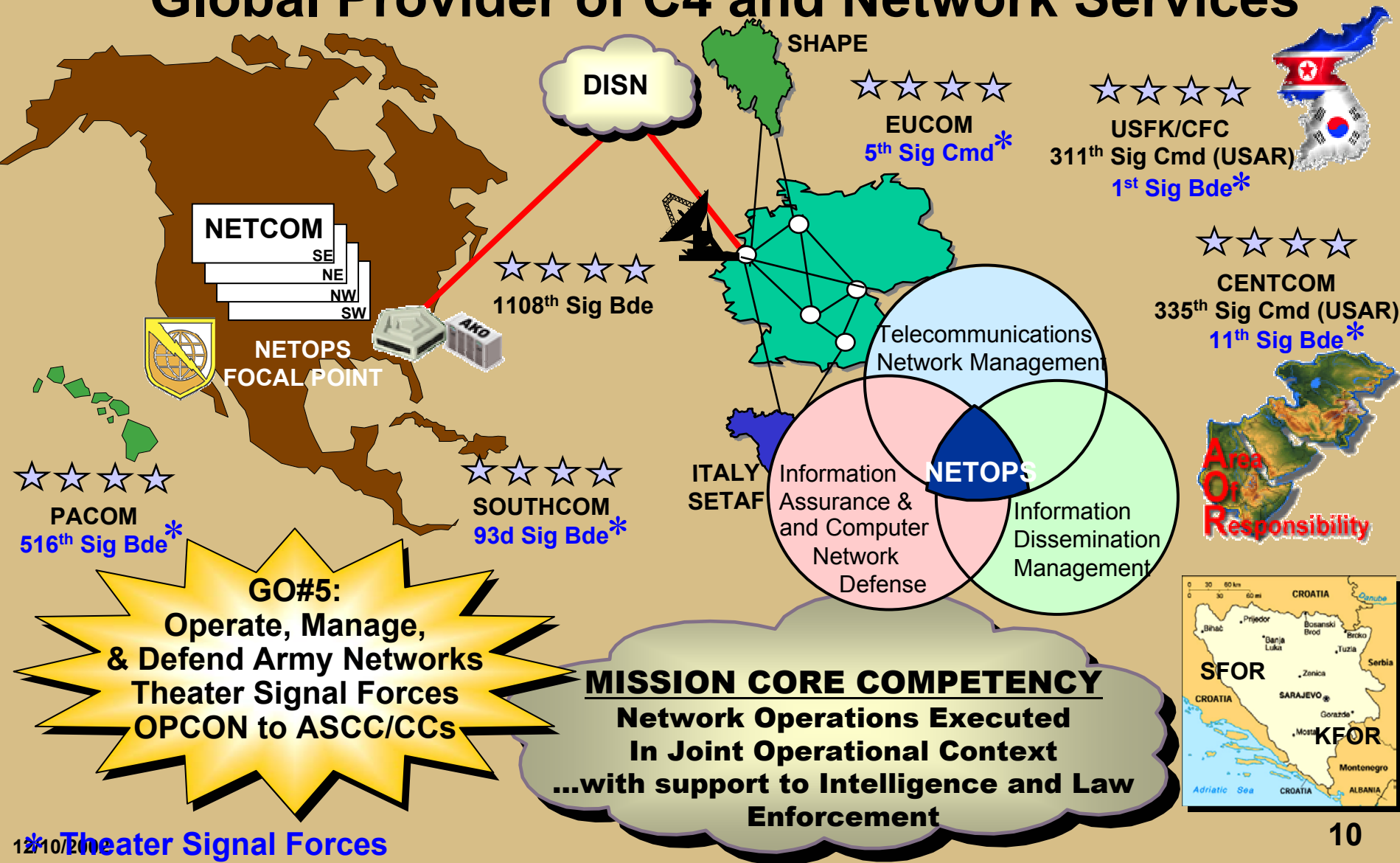
# Information Management Realignment





# NETCOM / 9<sup>th</sup> ASC

## Global Provider of C4 and Network Services





**NETCOM/9<sup>th</sup> Army Signal Command**

# **ASC Engaged Since 11 Sep 01** **NOBLE EAGLE/ENDURING** **FREEDOM**

**JTF-CS – RTF-E - RTF-W – TIER III HQS**  
**National Security/Emergency Preparedness/**  
**Urgent Requirements Telecom Support**  
**Washington DCL Enhancements**

**Site R Upgrades**

**SIPRNET and NIPRNET Upgrades/Starts**

**SIPRNET Dial-ups**

**Pentagon & Greater Pentagon Restoral**

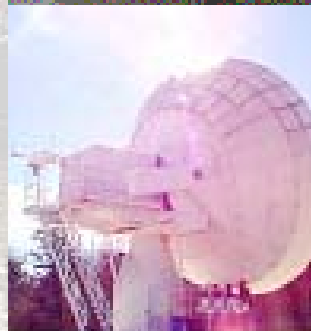
**Reserve Call Ups**

**Iridium Phones INMARSAT**

**Red Phones**

**Top Level Architecture – Site R - AKO Upgrades**

**DSCS Missions - Combat Camera**



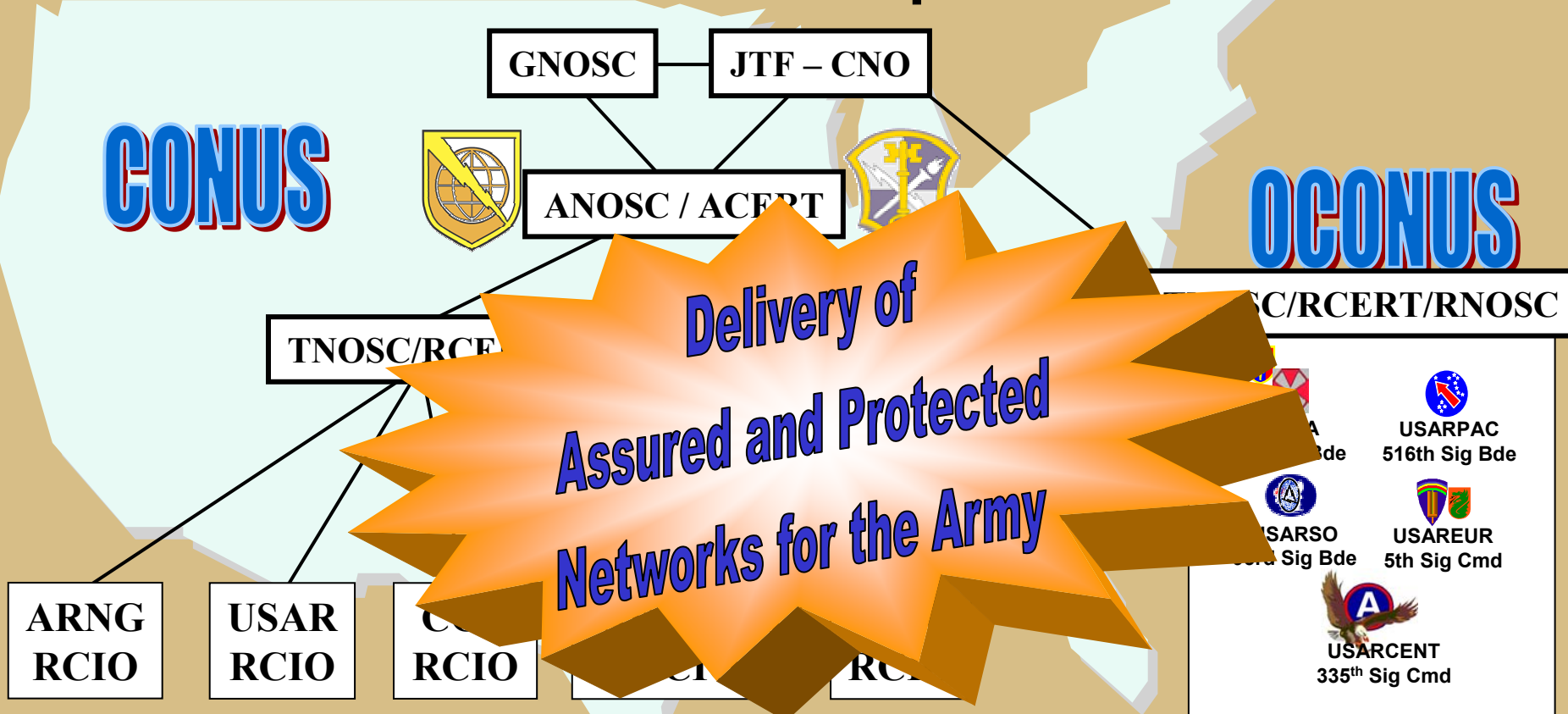




NETCOM / 9<sup>th</sup> Army Signal Command



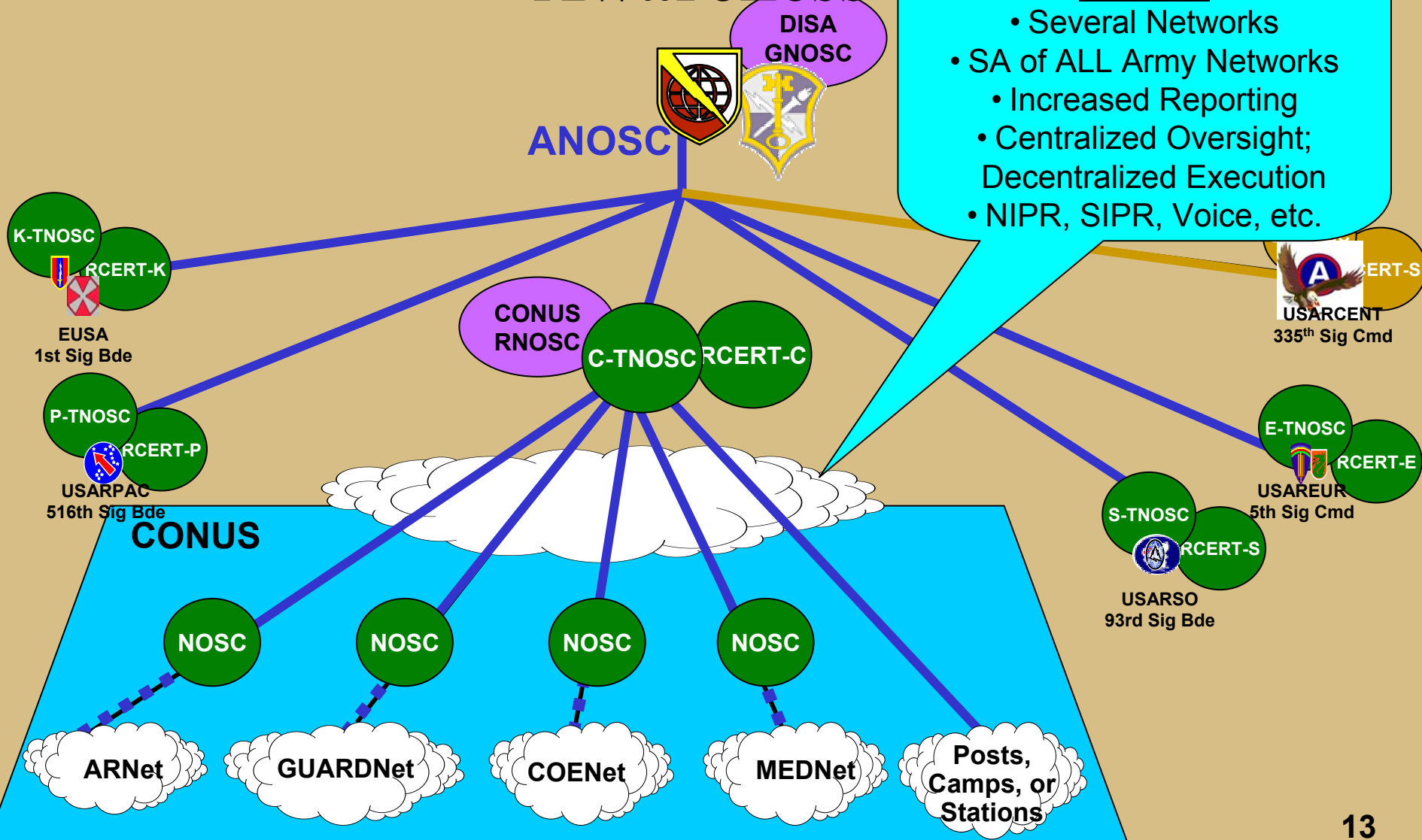
# Army / Joint Network Operations Partnerships



**GNOSC** – Global Network Operations and Security Center (Defense Information Systems Agency)  
**ANOSC** – Army Network Operations and Security Center (NETCOM/9<sup>th</sup> ASC)  
**TNOSC** – Theater Network Operations and Security Center (Signal Command/Brigade/Deployed Units)  
**RNOSC** – Regional Network Operations and Security Center (Defense Information Systems Agency)  
**ACERT** – Army Computer Emergency Response Team (Intelligence and Security Command)  
**RCERT** – Regional Computer Emergency Response Team (Intelligence and Security Command)

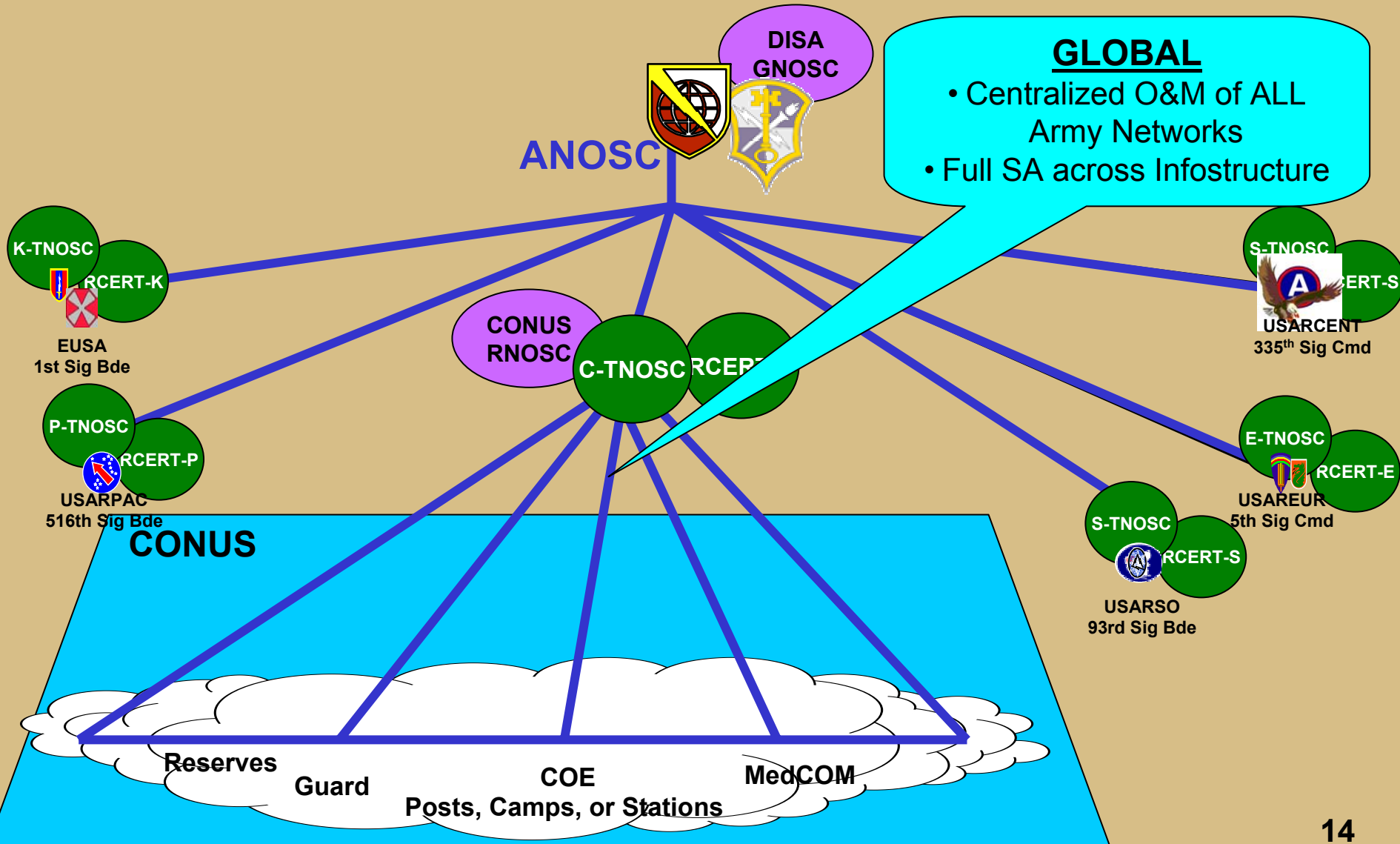


# NETCOM NETOPS Situational Awareness





# NETCOM NETOPS (End-state)





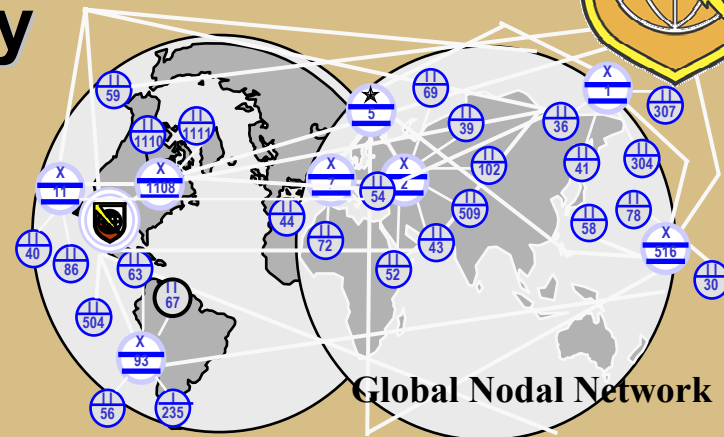


## Summary

# ARMY TRANSFORMATION ENABLER

**Army Knowledge Enterprise  
Operations  
Requires Single Voice:**

- Secure/Protected reliable networks
- Standard architectures
- Joint interoperability
- Real world situational awareness
- Strategic links to the National Command Authority
- Seamless Information Systems for the Unified Combatant Commanders and Army Component Commanders



**NETCOM/9<sup>th</sup> ASC Enablers:**

- Delivery of Global C4 capabilities
- Execution of C4 Enterprise policies, Standards and Procedures
- Information Assurance/Computer Network Defense
- Enterprise Network Operations
- Tailored communication solutions
- Specialized comms engineering
- Rapid technical insertion (COTS)

***Enabling Information Dominance through Global and  
Regional C4 and Network Operations Capabilities***





***United States Army  
Network Enterprise Technology Command /  
9<sup>th</sup> Army Signal Command***



- ✓ ***Single Authority for Network Operations***
- ✓ ***Single Authority for Network Management***
- ✓ ***Single Authority for Network Defense***